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iMac (27-inch Retina Early 2019)

Geekbench 5 Score

65105

OpenCL Score

Geekbench 5.3.1 Tryout for macOS x86 (64-bit)

Result Information

Upload Date	December 4th 2020, 1:10am
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System Information

System Information	
Operating System	macOS 11.0.1 (Build 20B50)
Model	iMac (27-inch Retina Early 2019)
Motherboard	Acidanthera Mac-AA95B1DDAB278B95 iMac19,1

Processor Information	
Name	Intel Core i9-9900K
Topology	1 Processor, 8 Cores, 16 Threads
Identifier	GenuineIntel Family 6 Model 158 Stepping 12
Base Frequency	3.60 GHz
Package	
Codename	
L1 Instruction Cache	32.0 KB x 8
L1 Data Cache	32.0 KB x 8
L2 Cache	256 KB x 8
L3 Cache	16.0 MB x 1

Memory Information	
Size	32.00 GB
Frequency	1600 MHz
Type	DDR4

OpenCL Information	
Platform Vendor	Apple
Platform Name	Apple
Device Vendor	AMD
Device Name	AMD Radeon RX 5700 XT Compute Engine
Compute Units	40
Maximum Frequency	2.10 GHz
Device Memory	7.98 GB

OpenCL Performance

OpenCL Score	65105	
Sobel	57509	14.9 Gpixels/sec
Canny	37905	2.37 Gpixels/sec
Stereo Matching	224230	317.1 Gpixels/sec
Histogram Equalization	42341	7.47 Gpixels/sec
Gaussian Blur	68385	3.76 Gpixels/sec
Depth of Field	178009	2.06 Gpixels/sec
Face Detection	17561	135.2 images/sec
Horizon Detection	57744	1.42 Gpixels/sec
Feature Matching	21970	454.5 Mpixels/sec
Particle Physics	300885	8014.3 FPS
SFFT	52747	726.6 Gflops

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